










Calling channel in CDMA mobile communications system.**Publication number:** EP0566550**Publication date:** 1993-10-20**Inventor:** DENT PAUL W (US)**Applicant:** ERICSSON GE MOBILE COMMUNICAT (US)**Classification:****- international:** *H04Q7/28; H04B7/26; H04J13/00; H04Q7/38; H04Q7/28; H04B7/26; H04J13/00; H04Q7/38; (IPC1-7): H04B7/26; H04Q7/04***- European:** H04Q7/38P; H04B7/26S; H04W68/00**Application number:** EP19930850072 19930407**Priority number(s):** US19920868335 19920413**Also published as:** WO9321705 (A1)
 US5377183 (A1)
 FI935544 (A)
 EP0566550 (A3)
 BR9305481 (A)

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Cited documents: WO9200639
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Abstract of EP0566550

A Code Division Multiple Access (CDMA) communication system which contains a calling channel which is used to inform silent mobiles that they are being called. In the system, the calling channel is chosen to be the strongest overlapping signal so that it reaches mobiles which are located on the cells extreme boundaries. The interference other signals experience because they overlap with the calling channel may be avoided by having the mobiles first demodulate the calling channel signal and then subtract it out before demodulating their own signal.

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